

Jamal Bouajjaj

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Qualifications

- Designed and worked on multiple electronic projects and products
- Designed circuit boards in KiCad and Altium Designer
- Programmed libraries and software for AVR and STM32 chipsets
- Programmed C and Python applications
- Designed CAD models in Autodesk Inventor and Solidworks

Education

University of New Haven | West Haven, CT 8/2018 → 5/2022
Bachelor of Science in Electrical Engineering GPA: 3.91

H.C. Wilcox Technical High School | Meriden, CT 9/2014 → 7/2018
High School Diploma & Electronics Technology Certification

Work Experience

Strain Measurement Devices | Wallingford, CT 4/2019 → Present
Electrical Engineering Intern

- Design circuits and products for various applications, such as Bluetooth based applications and a non-invasive liquid detector.
- Design various internal testing fixtures and programs.
- Assist production to ensure a smooth operation and customer satisfaction.

University of New Haven | West Haven, CT 10/2018 → Present
Makerspace Staff

- Design soldering kits for soldering events.
- Host the space's events, including soldering events.
- Maintain the equipment at the space.
- Assist and helping people to use the space/equipment.

Strain Measurement Devices | Wallingford, CT 7/2018 → 4/2019
Electronic Technician

- Test thin-film strain gauges and other parts to comply with product's specification.
- Troubleshoot broken setups/parts.